

File Maintenance Menu

The File Maintenance Menu is displayed with function code M and object code FI in a Predict Main Menu or with the command MAINTAIN FILE.

13:07:27	***** P R E D I C T 4.2.2 *****	2002-07-31
Plan 10	- (FI) File Maintenance -	Profile HNO
<div> <div>Function</div> <div>Function</div> <div> A Add a file C Copy file D Display file M Modify file N Rename/Renumber file P Purge file W Edit description of a file </div> <div> L Link children O Edit owners of a file S Select file from a list B Push backward F Force standard J Modify ADABAS attributes K Modify Vista elements Y Edit subquery of a file </div> </div>		
Function		
File ID		File of type*
Copy ID		File nr
External name		
Contained in DA ..		
Restrictions*	Profile HNO ,used	Association*
Command ==>		
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---		
Help Next Stop Last LnkEl Flip Print Impl AdmFi SelFi Prof Main		

Parameters

Function	<p>All standard maintenance functions are described in the section Maintenance in the Predict Reference documentation.</p> <p>The function Edit list of Fields does not appear on the menu but can be called with function code E.</p> <p>The functions Add a File and Modify File can be called with the editor line command .E when editing a file list (no matter which type of object the file list belongs to). See the section Editors in Predict in the Predict Reference documentation for more information.</p> <p>The following file maintenance functions are described later in the section Rippling:</p> <ul style="list-style-type: none"> ● Purge file ● Rename/Renumber file ● Edit list of fields ● Force standard ● Push backward ● Modify Adabas attributes ● Modify Vista elements ● Edit subquery of a file
File ID	<p>For the Select function: specifies a file ID to be used as a selection criterion, either alone or in combination with parameters <i>Files of type</i> and <i>Contained in DA</i>. If this field is left blank, all files which satisfy other selection restrictions specified are listed.</p> <p>See naming conventions for individual file types in the section Common File Attributes.</p>

File of type	<p>For the Select function: a file type can be specified as an additional selection criterion.</p> <p>For the Add and Copy functions: if file type is specified here, it will be passed to the Add/Copy File screen.</p> <p>Enter an asterisk to display a selection window with the file types valid for a particular function in your environment. See complete list of valid file types in the section File Type.</p>
Copy ID	<p>Identifies the target file ID for the functions Copy and Push backward. For function Push backward: the ID of a standard file (type Z).</p>
Contained in DA	<p>For the Select function: a database ID can be specified as an additional selection criterion. Asterisk notation is possible.</p> <p>For the Add and Copy functions: the database ID can be specified here. This ID will be passed to the Add/Copy file screen.</p> <p>See list of valid database and file types in the section Contained in DA.</p>
External name	<p>For the Select function: name of the file in another environment. Up to 50 characters can be specified here. Up to 250 characters can be specified with the Modify file function. If External name exceeds 50 characters, enter Y in the Zoom field.</p>
File nr	<p>For the Select function: A file number can be specified as an additional selection criterion.</p> <p>For the Add and Copy functions: The file number can be specified here. This number is passed to the Add a file or Copy file screen.</p>
Restrictions	<p>Additional criteria can be specified to restrict the scope of files to be processed. See Restrictions in the section Predict User Interface in the Introduction to Predict documentation.</p>
Association	<p>For function Link children: Objects of this type are to be linked to the file. Valid values: Field (default) or via user-defined association to any other object type.</p>

Common File Attributes

The following attributes are applicable to all or most file types.

File ID

For naming conventions valid for all object types see Naming Conventions.

Special naming conventions apply to SQL file types. See overview in the section Naming Conventions for SQL Objects.

File Type

A file object has one of the following types. The file type must be compatible with the database in which it is contained. See table in the section Contained in DA.

A	Adabas File
AT	Adabas Cluster Table

B	Adabas SQL view
C	Conceptual File
D	DB2 table
E	DB2 view
F	rdb file
I	IMS segment
J	IMS segment layout
K	IMS userview
L	Logical VSAM file
M	ISAM file
O	Other file
P	Entire System Server file
Q	Entire System Server userview
R	Logical VSAM view
S	Sequential file
T	RMS file
U	Adabas C userview
V	VSAM file (physical)
W	VSAM userview
X	General SQL file
Z	Standard file
1	LEASY
2	ISAM BS 2000
OT	Oracle table
OV	Oracle view
BT	Adabas D table
BV	Adabas D view
JT	Ingres table
JV	Ingres view
YT	Sybase table
YV	Sybase view
XT	Informix table
XV	Informix view
IT	Intermediate table
IV	Intermediate view

Contained in DA

The ID of the database containing the file. The database type must be compatible with the file type.

To generate a DDM for a file, the file must be linked to a compatible database (not of type C).

File Type		Compatible Database Type	
A	Adabas File	A	Adabas Database
A(SQL)	Adabas File with SQL usage set to Y	Q	Adabas SQL Handler
AT	Adabas Cluster Table		
B	Adabas SQL view		
BT	Adabas D table	B	Adabas D Handler
BV	Adabas D view		
D	DB2 table	D	DB2 Database
F	rdb File	R	RDB Handler
I	IMS segment	I	IMS Database
JT	Ingres table	J	Ingres Handler
JV	Ingres view		
L	Logical VSAM File	V	VSAM Handler
OT	Oracle table	O	Oracle Handler
OV	Oracle view		
P	Entire System Server File	P	Entire System Server
T	RMS File	M	RMS Handler
V	Physical VSAM File	V	VSAM Handler
X	General SQL File	E	General SQL Handler
XT	Informix table	X	Informix Handler
XV	Informix view		
YT	Sybase table	Y	Sybase Handler
YV	Sybase view		
1	LEASY	H	Other Handler
2	ISAM BS2000		
All File Types		C	Conceptual

File number

The number of the file. The possible value depends on the file type:

File Type	File Number
AT, J, K, Q, R, U	File number is taken from the specified master file
B, D, E, I, X, BT, BV, IT, IV, JT, JV, OT, OV, XT, XV, YT, YV	not applicable
Other file types	1 - 5000

Note:

The file number can only be changed with the function Rename/Renumber File.

Natural Construct Parameters

The following parameters are only relevant if you are using Natural Construct. They appear in every Add, Copy or Modify file screen.

Literal name	String to be used by Natural Construct in messages issued to confirm (un)successful access of a file via a DDM generated from the Predict file object.
Average count	The average number of records contained in the file.
Stability	Indicates how permanent the data contained in the file is. F Fixed. The file contains information which will always be valid, for example days of the week. S Stable. The file contains information which does not change very often, for example file EMPLOYEES. V Volatile. The file contains information which is constantly being updated, for example an invoice file. blank Not specified (default value).

Defining Basic File Attributes

The following screen is displayed for the Add a File and Copy File functions for all file types:

```

13:05:04          ***** P R E D I C T 4.2.2 *****          2002-07-31
                        - Add a file -

File ID ..... HNO-NEW3

File type .....* C   Conceptual file
Master file .....*
File number .....*
logical distribution type.*
Contained in DA .....*
```

General Parameters															
File type	The file type. Enter an asterisk for list of possible values or see list in the section File Type.														
Master file	<p>For file types listed below, enter the ID of the related file. The type of related file is given in the following table:</p> <table border="1"> <thead> <tr> <th>File Type</th><th>Type of Master File</th></tr> </thead> <tbody> <tr> <td>AT</td><td>A Adabas File</td></tr> <tr> <td>J and K</td><td>I IMS segment</td></tr> <tr> <td>L and W</td><td>V Physical VSAM File</td></tr> <tr> <td>Q</td><td>P Entire System Server File</td></tr> <tr> <td>R</td><td>L Logical VSAM File</td></tr> <tr> <td>U</td><td>A Adabas File</td></tr> </tbody> </table> <p>The master file can be selected using asterisk notation.</p>	File Type	Type of Master File	AT	A Adabas File	J and K	I IMS segment	L and W	V Physical VSAM File	Q	P Entire System Server File	R	L Logical VSAM File	U	A Adabas File
File Type	Type of Master File														
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R	L Logical VSAM File														
U	A Adabas File														
File number	See table of possible values in the section File number.														
Logical distribution type	<p>How the logical file is to be stored:</p> <p>E Expanded</p> <p>P Partitioned</p> <p>N Propagator file. Not applicable when defining data distribution for Adabas Vista.</p> <p>blank Simple file (default).</p> <p>Note: This parameter is only applicable to files of type Adabas. For files of other types, this parameter must be blank.</p>														